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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/773,622	02/06/2004	Scott W. McLellan	16	8354

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EXAMINER

PHAM, LAM P

ART UNIT PAPER NUMBER

2612

DATE MAILED: 03/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/773,622

Applicant(s)

MCLELLAN, SCOTT W.

Examiner

Lam P. Pham

Art Unit

2636

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 5, 9 and 16 is/are allowed.
- 6) ☒ Claim(s) 1-4, 6-8, 10-15, 17-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2/6/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-4, 7-8, 10-12, 14-15, 17-19 rejected under 35 U.S.C. 102(b) as being anticipated by **Sonders** (US 5307048).

Regards claim 1, Sonders disclose a security system comprising:

an alarm system (remote transmitter 3) including circuitry providing wireless communication;

at least one appliance (vehicle electronics) including circuitry providing wireless communication, and circuitry (disablement relay 39 and device 17) which disables the appliance in response to a signal from the alarm system as seen in Figures 1-3; col. 5, lines 22-68; col. 6, lines 1-68; col. 7, lines 1-68; col. 8, lines 1-68; col. 9, lines 1-68; col. 10, lines 1-68; col. 11, lines 1-65.

Regards claim 2, Sonders discloses comprising circuitry (remote control circuitry of 3 and switch 11) that enables the appliance when a predesignated code is applied to the circuit as seen in col. 8, lines 19-61; col. 9, lines 30-48.

Regards claim 3, Sonders discloses the enabling circuitry (switch 11) is located in the appliance as seen in Figure 1.

Regards claim 4, Sonders discloses the enabling circuitry (remote control circuitry 3) is located in the alarm system as seen in Figure 1.

Regards claim 7, Sonders disclose a security system (theft and anti-carjacking system) comprising an alarm system (remote transmitter 3) including circuitry (transmitter circuit) providing wireless communication and adapted to provide a wireless signal to an appliance which disables the appliance as seen in Figures 1-3; col. 5, lines 22-68; col. 6, lines 1-68; col. 7, lines 1-68; col. 8, lines 1-68; col. 9, lines 1-68; col. 10, lines 1-68; col. 11, lines 1-65.

Regards claim 8, Sonders discloses comprising circuitry (remote control circuitry of 3 and switch 11) that enables the appliance when a predesignated code is applied to the circuit as seen in col. 8, lines 19-61; col. 9, lines 30-48.

Regards claim 10, Sonders discloses the circuitry in the alarm system (remote control 3) comprises a controller. It is inherent.

Regards claim 11, Sonders discloses the controller is selected from a microprocessor, a digital signal processor, and a microcontroller as well known in the art.

Regards claim 12, Sonders discloses the circuitry further comprises memory for including a code (coded signal), a keypad (keys) for entering the code, and a display (displaying face).

Regards claim 14, Sonders discloses an appliance comprising circuitry providing wireless communication with an alarm system and circuitry which disables the appliance in response to a signal from the alarm system as seen in Figures 1-3; col. 5,

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lines 22-68; col. 6, lines 1-68; col. 7, lines 1-68; col. 8, lines 1-68; col. 9, lines 1-68; col. 10, lines 1-68; col. 11, lines 1-65.

Regards claim 15, Sonders discloses comprising circuitry (remote control circuitry of 3 and switch 11) that enables the appliance when a predesignated code is applied to the circuit as seen in col. 8, lines 19-61; col. 9, lines 30-48.

Regards claim 17, Sonders disclose the circuitry in the appliance comprises a controller (23) as seen in Figure 1.

Regards claim 18, Sonders disclose the controller is selected from a microprocessor, a digital signal processor, a microcontroller as well known in the art.

Regards claim 19, Sonders discloses the appliance further comprises memory for including a code, a keypad for entering the code, and a display as seen in col. 8, lines 19-39.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims **6, 13, 20** rejected under 35 U.S.C. 103(a) as being unpatentable over Sonders in view of **Glehr** (US 5723911).

Regards claim 6, Sonders disclose the circuitry providing wireless communication in the appliance (vehicle) and alarm system includes a receiver in the

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vehicle and transmitter in the remote control unit and fails to disclose a transceiver.

However, it has been known in the art to alternatively use a transceiver in place of the receiver and transmitter in order to provide two way communication between the vehicle and the remote control unit.

Glehr in "Keyless access control device" teach of using a transceiver carried by a user and a transceiver unit located in a motor vehicle for providing two-way communication. In view of Glehr teaching, it would have been obvious to one of ordinary skilled in the art to have a transceiver in place of the receiver and transmitter for enhancing two-way communication between the alarm system and appliance.

Regards claim 13, Sonders discloses the circuitry providing wireless communication includes a transmitter in the alarm system as seen in Figure 3 and fails to disclose a transceiver instead. However, it has been known in the art to alternatively use a transceiver in place of the transmitter in order to provide two way communication between the vehicle and the remote control unit.

Glehr in "Keyless access control device" teach of using a transceiver carried by a user and a transceiver unit located in a motor vehicle for providing two-way communication. In view of Glehr teaching, it would have been obvious to one of ordinary skilled in the art to have a transceiver in place of the transmitter for enhancing two-way communication between the alarm system and appliance.

Regards claim 20, Sonders discloses circuitry providing wireless communication includes a receiver in the appliance and fails to disclose a transceiver instead as seen in Figure 1. However, it has been known in the art to alternatively use a transceiver in

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place of the receiver in order to provide two-way communication between the vehicle and the remote control unit.

Glehr in "Keyless access control device" teach of using a transceiver carried by a user and a transceiver unit located in a motor vehicle for providing two-way communication. In view of Glehr teaching, it would have been obvious to one of ordinary skilled in the art to have a transceiver in place of the receiver for enhancing two-way communication between the alarm system and appliance.

Allowable Subject Matter

5. Claims 5, 9, 16 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Stephen-Daly et al. (US 2005/0177769) disclose a theft deterrent device for appliance.

Sizemore (US 6130412) discloses an apparatus for controlling appliances in response to detected environmental condition.

Keizer et al. (US 5592032, 5734206) disclose a security power interrupt with keypad.

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Stark et al. (US 5625345) disclose a fire safety apparatus for preventing lights from turning on upon fire.

Hubbard (US 5021916) discloses a theft deterrent device for attachment to appliance.

Buttimer (US 4945341) discloses alarm system for appliance.

Kaish (US 4494114) discloses a disablement device for appliance.

Ho et al. (US 4321593) disclose a TV set with monitoring function.

Lent (US 4284983) discloses an appliance anti-theft and protection circuitry.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lam P. Pham whose telephone number is 571-272-2977. The examiner can normally be reached on 9AM-6PM.

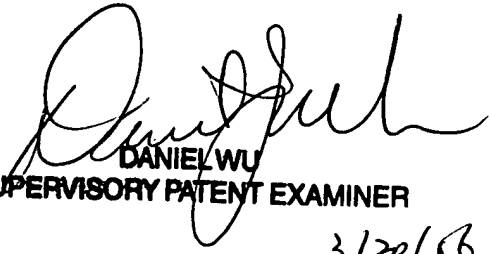
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffery A. Hofsass can be reached on 571-272-2981. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Lam Pham
March 2, 2006.


DANIEL WU
SUPERVISORY PATENT EXAMINER
3/20/06